

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	wash\$3 AND (chemical react\$3 same dispenser)	EPO; JPO; DERWENT	ADJ	ON	2008/12/01 10:32
L3	25	"4678103"	US-PGPUB; USPAT	ADJ	ON	2008/12/01 10:52
L4	6	"4730381"	US-PGPUB; USPAT	ADJ	ON	2008/12/01 10:53
L5	8	"4110075"	US-PGPUB; USPAT	ADJ	ON	2008/12/01 11:07
L9	133352	mix\$3 with (chemical or additive)	US-PGPUB; USPAT	ADJ	ON	2008/12/01 11:40
L10	395	mix\$3 with (chemical or additive) and (dish \$1washer or ware \$washer or wahing machine)	US-PGPUB; USPAT	ADJ	ON	2008/12/01 11:40
L11	201	combin\$3 with (chemical or additive) and (dish \$1washer or ware \$washer or wahing machine)	US-PGPUB; USPAT	ADJ	ON	2008/12/01 11:48
L12	5	"6513180"	US-PGPUB; USPAT	ADJ	ON	2008/12/01 12:10
L13	8	(dish\$1wash\$3 or ware\$1wash\$3) SAME react\$3 chamber	US-PGPUB; USPAT	ADJ	ON	2008/12/01 12:37
L14	33	(dish\$1wash\$3 or ware\$1wash\$3) SAME ozone	US-PGPUB; USPAT	ADJ	ON	2008/12/01 12:38
L15	0	(dish\$1wash\$3 or ware\$1wash\$3) andozone	US-PGPUB; USPAT	ADJ	ON	2008/12/01 12:45
L16	392	(dish\$1wash\$3 or ware\$1wash\$3) and ozone	US-PGPUB; USPAT	ADJ	ON	2008/12/01 12:45
L17	4523	(dish\$1wash\$3 or ware\$1wash\$3) and gas	US-PGPUB; USPAT	ADJ	ON	2008/12/01 12:59
L18	551	dish\$1wash\$3 same gas	US-PGPUB; USPAT	ADJ	ON	2008/12/01 12:59

L19	0	dish\$1wash\$3 same (dispenser or dosing) same ozone	US-PGPUB; USPAT	ADJ	ON	2008/12/01 13:08
L20	187	(dish\$1wash\$3 or ware\$1wash\$3) and mixing chamber	US-PGPUB; USPAT	ADJ	ON	2008/12/01 13:23
L21	21	(dish\$1wash\$3 or ware\$1wash\$3) same mixing chamber	US-PGPUB; USPAT	ADJ	ON	2008/12/01 13:23
L22	25	US-2627453-\$.DID. OR US-3627684-\$.DID. OR US-3650667-\$.DID. OR US-4188807-\$.DID. OR US-4434629-\$.DID. OR US-4489574-\$.DID. OR US-4755188-\$.DID. OR US-5068937-\$.DID. OR US-5309739-\$.DID. OR US-5345637-\$.DID. OR US-5765403-\$.DID. OR US-6178987-\$.DID. OR US-6513180-\$.DID. OR US-6557732-\$.DID. OR US-6843390-\$.DID. OR US-20040206133-\$.DID. OR US-20050066449-\$.DID. OR US-20050252532-\$.DID. OR US-20060096038-\$.DID. OR US-20060101588-\$.DID. OR US-20060102656-\$.DID. OR US-20060107705-\$.DID. OR US-2078482-\$.DID. OR JP-19900319-\$.DID. OR US-1756428-\$.DID. OR US-1331018-\$.DID.	US-PGPUB; USPAT	ADJ	ON	2008/12/01 15:24
L23	0	multi-chemical dispenser	US-PGPUB; USPAT	ADJ	ON	2008/12/01 16:12
L24	621	chemical dispenser	US-PGPUB; USPAT	ADJ	ON	2008/12/01 16:13
L25	37	l24 and dishwasher	US-PGPUB; USPAT	ADJ	ON	2008/12/01 16:13

L26	9	l24 and warewasher	US-PGPUB; USPAT	ADJ	ON	2008/12/01 16:38
L27	499	dishwasher AND unstable	US-PGPUB; USPAT	ADJ	ON	2008/12/01 16:40
L28	13	"4188807"	US-PGPUB; USPAT	ADJ	ON	2008/12/01 16:45
L29	7	"5453131"	US-PGPUB; USPAT	ADJ	ON	2008/12/01 17:37
L30	0	micr-dosing pump	US-PGPUB; USPAT	ADJ	ON	2008/12/01 17:47
L31	7	micro-dosing pump	US-PGPUB; USPAT	ADJ	ON	2008/12/01 17:47
L32	1690	micro pump	US-PGPUB; USPAT	ADJ	ON	2008/12/01 17:51
L33	1	micro pump SAME dishwasher	US-PGPUB; USPAT	ADJ	ON	2008/12/01 17:51
L34	0	micro-pump SAME dishwasher	US-PGPUB; USPAT	ADJ	ON	2008/12/01 17:51
L35	1	micro pump SAME dishwasher	US-PGPUB; USPAT	ADJ	ON	2008/12/01 17:51
S1	17986	dish\$1wash\$3 or ware\$1wash\$3 or (kitchen ware\$1wash \$3) AND (additive or detergent) SAME (dispens\$3 or meter \$3 or dos\$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 16:11
S2	2794	(dish\$1wash\$3 or ware\$1wash\$3 or (kitchen ware\$1wash \$3)) AND ((additive or detergent) SAME (dispens\$3 or meter \$3 or dos\$3))	US-PGPUB; USPAT	ADJ	ON	2008/11/20 16:12
S5	20	"5453131", "6035472", "4110075"	US-PGPUB; USPAT	OR	ON	2008/11/21 15:41
S6	830	134/29.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/24 08:15
S7	75	134/29.ccls. AND (dish\$1wash\$3 or ware\$1wash\$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/24 08:18
S8	102	134/26.ccls. AND (dish\$1wash\$3 or ware\$1wash\$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/24 08:59

S9	71	134/26.ccls. AND (dish\$1wash\$3 or ware\$1wash\$3) NOT S7	US-PGPUB; USPAT	ADJ	ON	2008/11/24 09:00
S10	597	134/25.2.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/24 09:12
S11	2794	(dish\$1wash\$3 or ware\$1wash\$3) AND ((additive or detergent) SAME (dispens\$3 or meter \$3 or dos\$3))	US-PGPUB; USPAT	ADJ	ON	2008/11/24 09:37
S12	650	(detergent or additive or agent) near3 (level or monitordetect\$3 or sens\$3) AND (dish \$1washer or ware \$1wash\$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/25 17:40
S13	675	(detergent or additive or agent) near3 (level or monitor or detect\$3 or sens\$3) AND (dish \$1washer or ware \$1wash\$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/25 17:44
S14	21	(detergent or additive or agent) near3 (level or monitor or detect\$3 or sens\$3) near3 (contamination or soil or dirtiness) AND (dish\$1washer or ware\$1wash\$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/25 18:57
S15	66	(detergent or additive or agent) SAME (level or monitor or detect\$3 or sens\$3) near3 (contamination or soil or dirtiness) AND (dish\$1washer or ware\$1wash\$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/25 18:58
S16	1136	134/18.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/26 07:00
S17	18	dish\$1washer AND ((detergent or additive or agent) near3 level SAME sensor)	US-PGPUB; USPAT	ADJ	ON	2008/11/26 07:46

S18	25	dish\$1washer AND ((detergent or additive or agent) near3 (level or volume) SAME (sens \$3 or monitor\$3 or detect\$3))	US-PGPUB; USPAT	ADJ	ON	2008/11/26 07:47
S19	7	ware\$1washer AND ((detergent or additive or agent) near3 (level or volume) SAME (sens \$3 or monitor\$3 or detect\$3))	US-PGPUB; USPAT	ADJ	ON	2008/11/26 07:58
S20	331	"222".clas. AND dishwasher	US-PGPUB; USPAT	ADJ	ON	2008/11/26 08:05
S21	604	(dish\$1wash\$3 or ware\$1wash\$3) AND ((dispens\$3 or delivery or dos\$3 or meter\$3) near3 (detergent or additive or agent or chemical or product))	EPO; JPO; DERWENT	ADJ	ON	2008/11/26 08:37
S22	764	(dish\$1wash\$3 or ware\$1wash\$3) AND chemical reaction	US-PGPUB; USPAT	ADJ	ON	2008/11/26 08:59
S23	29	(dish\$1wash\$3 or ware\$1wash\$3) SAME chemical reaction	US-PGPUB; USPAT	ADJ	ON	2008/11/26 09:24
S24	103	(dish\$1wash\$3 or ware\$1wash\$3) SAME internet	US-PGPUB; USPAT	ADJ	ON	2008/11/26 09:39
S25	14	(dish\$1wash\$3 or ware\$1wash\$3) SAME internet same (order or refill)	US-PGPUB; USPAT	ADJ	ON	2008/11/26 09:42
S26	0	"2002040505"	US-PGPUB; USPAT	ADJ	ON	2008/11/26 11:04
S27	392	(dish\$1wash\$3 or ware\$1wash\$3) SAME reaction	US-PGPUB; USPAT	ADJ	ON	2008/11/26 11:05
S28	524	(dish\$1wash\$3 or ware\$1wash\$3) AND ((dispens\$3 or valve or pump) same reaction)	US-PGPUB; USPAT	ADJ	ON	2008/11/26 11:36

S29	9304	(dish\$1wash\$3 or ware\$1wash\$3 or (kitchen ware\$1wash\$3)) AND (react\$3 or mixture)	US-PGPUB; USPAT	ADJ	ON	2008/12/01 08:36
S30	1114	(dish\$1wash\$3 or ware\$1wash\$3 or (kitchen ware\$1wash\$3)) AND (chemical near3 (react\$3 or mixture))	US-PGPUB; USPAT	ADJ	ON	2008/12/01 08:38
S31	6	"4242051"	US-PGPUB; USPAT	ADJ	ON	2008/12/01 08:58
S32	90	("3032240" "3105615" "3341418" "3708431" "3723324" "3729553" "3762875" "3770641" "3866800" "4002571" "4272393" "4316824" "4336356" "4337318" "4348292" "4401490" "4417993" "4433013" "4456492" "4514326" "4522738" "4619710" "4666625" "4679706" "4683004" "4683008" "4707441" "4797231" "4897251" "4965019" "4990327" "5004591" "5141666" "5154917" "5198144" "5264146" "5286402" "5307954" "5392947" "5407595"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:20

		"5455035" "5562856" "5578562" "5579957" "5613623" "5624465" "5630883" "5665427" "5683976" "5718729" "5747439" "5767055" "5770554" "5776877" "5797986" "5804546" "5862949" "5865345" "5885949" "5931172" "5948792" "5958454" "5962393" "5968453" "5975335" "6065643" "6126697" "6127330" "6136768" "6177092" "6223942" "6245157" "6273960" "6290872" "6302969" "6313086").PN. OR ("6583103").URPN.				
S33	13	(dish\$1wahser or ware\$1washer) AND mix\$3 same (chamber or reactor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:25
S34	6	(dish\$1wahser or ware\$1washer) AND chemical reaction	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:29
S35	0	(dish\$1wahser or ware\$1washer) AND micro\$1reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:30
S36	0	(dish\$1wahser or ware\$1washer) AND micro reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:30
S37	0	(dish\$1wahser or ware\$1washer) AND micro-reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:30

S38	0	(dish\$1washer or ware\$1washer) AND reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:30
S39	271	(dish\$1washer or ware\$1washer) AND reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:31
S40	607	(dish\$1washer or ware\$1washer) AND mix\$3 same (chamber or reactor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:32
S41	2	(dish\$1washer or ware\$1washer) AND micro-reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:45
S42	8	(dish\$1washer or ware\$1washer) AND chemical reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:46
S43	505	"222".clas. AND dish \$1wash\$3	US-PGPUB; USPAT	ADJ	ON	2008/12/01 09:57
S44	144	S43 and chemical	US-PGPUB; USPAT	ADJ	ON	2008/12/01 09:57
S45	3	(dish\$1washer or ware\$1washer) AND chemical reaction	EPO; JPO; DERWENT	ADJ	ON	2008/12/01 10:08
S46	6	(dish\$1washer or ware\$1washer) AND chemical react\$3	EPO; JPO; DERWENT	ADJ	ON	2008/12/01 10:12

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